Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 15 Feb 2021 until 23:59 on Tuesday 16 Feb 2021

Forecast Issued on Sunday 14 Feb 2021 at 08:54

Confidence: High for relatively mild and showery, but lowering confidence in the timing and extent of the worst of the conditions from Wednesday onwards.

Headline for Monday 15 Feb 2021: Rain showers. Brighter spells increasing into afternoon. Strong summit winds.

Mountain weather hazards on Monday 15 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Light rain	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
20%	20%	30%	20%	20%	20%	20%	10%

Forecast for Monday 15 Feb 2021

Weather: A rather cloudy start to the day with some patchy light rain, mainly across western ranges of the Park. Brighter spells will increase during the late morning and afternoon, while scattered rain showers feed from the west.

Chance of cloud free mountain/hill tops above 600m: 30% improving 80% for the afternoon

Visibility: Generally good becoming moderate in early patchy rain and then showers and poor in cloud with bases extensive from 450-650m at first, before lifting and breaking into the afternoon.

Forecast for Monday 15 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 S	14/21 S	13/17 S	14/19 S	16/23 SW	19/29 SW	18/27 SW	18/27 S	24/37 S
300	8/21 S	4/12 S	4/10 S	4/11 S	9/20 SW	13/27 SW	9/22 SW	9/20 S	16/32 S
Valley	9/24 S	5/15 SE	4/13 S	4/11 S	7/17 S	12/26 SW	8/20 SW	9/23 S	14/32 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	4/-1	4/-1	4/-1	5/-0	6/1	5/1	5/0	5/-1
300	4/2	4/3	5/3	5/4	7/5	8/5	7/5	7/4	7/3
Valley	6/4	6/5	6/5	7/5	8/7	9/6	8/6	8/6	8/5
Freezing Level*	1400m	1300m	1200m	1200m	1300m	1500m	1400m	1400m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 14 Feb 2021	0.8mm	0.8mm	0.8mm

Forecast for Tuesday 16 Feb 2021

Weather: Sunshine and isolated light rain showers, though chance of more widespread heavy outbreaks for a time around dawn. Severe windchill at height initially.

Maximum wind: South or southwest mean 35-40mph with gusts reaching 60mph at times across most exposed ridges and summits, gradually easing from mid-morning.

Chance of cloud free mountain/hill tops above 600m: 80%

Visibility: Generally good or very good becoming briefly moderate in showers and poor in cloud with bases lowering 450-650m in and about showers.

Temperature: **Valleys:** Plus 2 Celsius rising 11 Celsius during the afternoon
At 600m: Plus 3-5 Celsius
Freezing level: Above summits